# 

<110> Holm, Per Sonne

<120> Novel Adenoviruses, Nucleic Acids that Code for the Same and the Use of Said Viruses

<130> H 10020 PCT

<140> PCT/EP 04/012931

<141> 2004-11-15

<160> 31

<170> PatentIn version 3.1

<210> 1

<211> 20

<212> DNA

<213> Artificial

<220>

<221> misc\_feature

<223> probe

<400> 1 tgaggctgat tggctgggca

20

<210> 2

<211> 20

<212> DNA

<213> Artificial

<220>

# PCT\_EP2004\_012931\_Sequence Listing ST25.txt <221> misc\_feature <223> probe <400> 2 gtcggagatc agatccgcgt 20 <210> 3 <211> 20 <212> DNA <213> Artificial <220> <221> misc\_feature <223> probe <400> 3 gatcctcgtc gtcttcgctt 20 <210> 4 <211> 20 <212> DNA <213> Artificial <220> <221> misc\_feature <223> probe <400> 4 gtcggagatc agatccgcgt 20 <210> 5 <211> 20 <212> DNA

<213> Artificial

<220>		
<221>	misc_feature	
<223>	probe	
<400>	5 cgtc gtcttcgctt	20
<b>5</b>		20
<210>	6	
<211>	18 .	
<212>	DNA	
<213>	Artificial	
<220>		
<221>	misc_feature	
<223>	probe	
<400>	6 tctt cgcttttg	18
agetga	terr egerring	10
<210>	7	
<211>	22	
<212>	DNA	
<213>	Artificial	
<220>		
<221>	misc_feature	
<223>	probe	
<400>		
yyatag	caag actctgacaa ag	22
<210>	8	
<211>	1260	
<212>	DNA	

#### <213> Artificial

<220>

<221> misc\_feature

<223> fragement of adenoviral E2 region

<400> 8	tcctagagcg	ctcaggaatc	ttgcccgcca	cctactatac	acttcctagc	60
					_	
gactitytyc	ccartaayta	ccycyaatyc	cctccgccgc	tttggggcca	cigciaccit	120
ctgcagctag	ccaactacct	tgcctaccac	tctgacataa	tggaagacgt	gagcggtgac	180
ggtctactgg	agtgtcactg	tcgctgcaac	ctatgcaccc	cgcaccgctc	cctggtttgc	240
aattcgcagc	tgcttaacga	aagtcaaatt	atcggtacct	ttgagctgca	gggtccctcg	300
cctgacgaaa	agtccgcggc	tccggggttg	aaactcactc	cggggctgtg	gacgtcggct	360
taccttcgca	aatttgtacc	tgaggactac	cacgcccacg	agattaggtt	ctacgaagac	420
caatcccgcc	cgccaaatgc	ggagcttacc	gcctgcgtca	ttacccaggg	ccacattctt	480
ggccaattgc	aagccatcaa	caaagcccgc	caagagtttc	tgctacgaaa	gggacggggg	540
gtttacttgg	acccccagtc	cggcgaggag	ctcaacccaa	tcccccgcc	gccgcagccc	600
tatcagcagc	agccgcgggc	ccttgcttcc	caggatggca	cccaaaaaga	agctgcagct	660
gccgccgcca	cccacggacg	aggaggaata	ctgggacagt	caggcagagg	aggttttgga	720
cgaggaggag	gaggacatga	tggaagactg	ggagagccta	gacgaggaag	cttccgaggt	780
cgaagaggtg	tcagacgaaa	caccgtcacc	ctcggtcgca	ttcccctcgc	cggcgcccca	840
gaaatcggca	accggttcca	gcatggctac	aacctccgct	cctcaggcgc	cgccggcact	900
gcccgttcgc	cgacccaacc	gtagatggga	caccactgga	accagggccg	gtaagtccaa	960
gcagccgccg	ccgttagccc	aagagcaaca	acagcgccaa	ggctaccgct	catggcgcgg	1020
gcacaagaac	gccatagttg	cttgcttgca	agactgtggg	ggcaacatct	ccttcgcccg	1080
ccgctttctt	ctctaccatc	acggcgtggc	cttccccgt	aacatcctgc	attactaccg	1140
tcatctctac	agcccatact	gcaccggcgg	cagcggcagc	ggcagcaaca	gcagcggcca	1200
cacagaagca	aaggcgaccg	gatagcaaga	ctctgacaaa	gcccaagaaa	tccacagcgg	1260

<210> 9

<211> 17

<212> DNA

<213>	Artificial	
<220>		
	misc_feature	
<223>		
<220>		
<221>	misc_feature	
<223>	primer	
<400> atggag	9 cgaa gaaaccc	17
<210>	10	
<211>		
<212>	DNA	
<213>	Artificial	
<220>		
<221>	misc_feature	
<223>	primer	
<400>	10 ctgg aaaaaataca c	21
cacgee		21
<210>	11	
<211>	27	
<212>	DNA	
<213>	Artificial	
<220>		
<221>	misc_feature	
<223>	primer	

<400> cttcag	11 gatc catgactacg tccggcg	27
<210>	12	
<211>	37	
<212>	DNA	
<213>	Artificial	
<220>		
<221>	misc_feature	
<223>	primer	
<400>	12 aatt cctacatggg ggtagagtca taatcgt	37
<210>	13	
<211>	24	
	DNA	
<213>	Artificial	
<220>		
	misc_feature	
<223>	primer	
<400> tccggt	13 tatt ttccaccata ttgc	24
<210>	14	
<211>	22	
<212>	DNA	
<213>	Artificial	
<220>		
<221>	misc_feature	

# PCT\_EP2004\_012931\_Sequence Listing ST25.txt <223> primer <400> 14 ttatcatcgt gtttttcaaa gg 22 <210> 15 <211> 24 <212> DNA <213> Artificial <220> <221> misc\_feature <223> primer <400> 15 gaggttaacc taagcactgc caag 24 <210> 16 <211> 43 <212> DNA <213> Artificial <220> <221> misc\_feature <223> primer <400> 16 catagagtat gcagatatcg ttagtgttac aggtttagtt ttg 43 <210> 17 <211> 42 <212> DNA <213> Artificial <220>

### PCT\_EP2004\_012931\_Sequence Listing ST25.txt <221> misc\_feature <223> primer <400> 17 gtaacactaa cgatatctgc atactctatg tcattttcat gg 42 <210> 18 <211> 26 <212> DNA <213> Artificial <220> <221> misc\_feature <223> primer <400> 18 cagcgacatg aacttaagtg agctgc 26 <210> 19 <211> 66 <212> DNA <213> Artificial <220> <221> misc\_feature <223> oligonucleotide introducing RGD <400> 19 cacactaaac ggtacacagg aaacaggaga cacaacttgt gactgccgcg gagactgttt 60 ctgccc 66 <210> 20 <211> 66 <212> DNA

<213>	Artificial P	CT_EP2004_0	12931_Seque	nce Listing	ST25.txt	
<220>						
<221>	misc_feature					
<223>	oligonucleotide	introduci	ng RGD			
<400> gggcaga	20 aaac agtctccgcg	gcagtcacaa	gttgtgtctc	ctgtttcctg	tgtaccgttt	60
agtgtg						66
-210-	21					
<210>	21					
	78					
	DNA					
<213>	Artificial					
<220>						
<221>	misc_feature					
<223>	primer					
<400> tcgagct	21 tccg catttggcgg	gcgggattgg	tcttcgtaga	acctaatctc	gtgggcgtgg	60
tagtcci	cag gtacaaat					78
<210>	22					
<211>	79					
<212>	DNA					
	Artificial					
	Al cirrera.					
<220>						
	misc_feature					
	primer					
	22 Ettg tacctgagga	ctaccacgcc	cacgagatta	ggttctacga	agaccaatcc	60

cgcccg	PCT_EP2004_012931_Sequence Listing ST25.txt ccaa atgcggagc	79
<210>	23	
<211>	18	
<212>	DNA	
<213>	Artificial	
<220>		
<221>	misc_feature	
<223>	primer	
<400>	23 gcca gtcttttg	18
atggcc	geea geettig	10
<210>	24	
<211>	20	
<212>	DNA	
<213>	Artificial	
<220>		
<221>	misc_feature	
<223>	primer	
<400>	24 cctg gggcgtttac	20
55		20
<210>	25	
<211>	24	
<212>	DNA	
<213>	Artificial	
<220>		
<221>	misc_feature	
<223>	primer	

<400> gaggtt	25 aacc taagcactgc caag	24
<210>	26	
<211>	43	
<212>	DNA	
<213>	Artificial	
<220>		
<221>	misc_feature	
<223>	primer	
	·	
<400>	26 gtat gcagatatcg ttagtgttac aggtttagtt ttg	43
<210>	27	
	42	
	DNA	
<213>	Artificial	
<220>		
	misc_feature	
<223>	primer	
<400> gtaaca	27 ctaa cgatatctgc atactctatg tcattttcat gg	42
24.0		
<210>	28	
<211>	26	
<212>	DNA	
<213>	Artificial	
.220		
<220>		
<221>	misc_feature	

	PCT_EP2004_012931_Sequence Listing ST25.txt	
<223>	oligonucleotide introducing RGD	
<220>		
<221>	misc_feature	
<223>	primer	
<400> cagcga	28 catg aacttaagtg agctgc	26
<210>	29	
<211>	66	
<212>	DNA	
<213>	Artificial	
<220>		
<221>	misc_feature	
<223>	oligonucleotide introducing RGD	
<400> cacacta	29 aaac ggtacacagg aaacaggaga cacaacttgt gactgccgcg gagactgttt	60
ctgccc		66
<210>	30	
<211>	66	
<212>	DNA	
<213>	Artificial	
<220>		
<221>	misc_feature	
<223>	oligonucleotide introducing RGD	
	30 aaac agtctccgcg gcagtcacaa gttgtgtctc ctgtttcctg tgtaccgttt	60
agtgtg	Dags 12	66
	Page 12	

<210> 31

<211> 9

<212> PRT

<213> Artificial

<220>

<221> MISC\_FEATURE

<223> peptide introducing RGD

<400> 31

Cys Asp Cys Arg Gly Asp Cys Phe Cys 1 5